

CLAIM AMENDMENTS

1. (Currently Amended) A head-mounted illuminator configured for use with a source of light, comprising:

a housing with a hollow interior having a light-receiving end and a light-projecting end;

an optical fiber carrying light from the source of light into the interior of the housing through the light receiving end;

a Fresnel lens mounted in the light-projecting end of the housing for receiving light from the optical fiber and projecting the light into a field of view, the Fresnel lens having a two sides, one with a sets set of grooves that face the interior of the housing; and

~~wherein the grooves of the Fresnel lens face the interior of the housing.~~

a mechanism for mounting the housing to a wearer's head.

2. (Currently Amended) The head-mounted illuminator of claim 1, wherein the light-projecting end of the housing may be ~~moved~~ movable forward and backward relative to the light-receiving end to adjust the beam diameter of the light projected into the field of view.

3. (Currently Amended) The head-mounted illuminator of claim 1, wherein the light-projecting end and the light-receiving end of the housing are connected with a threaded coupling, enabling the light-projecting end to be ~~moved~~ movable forward and backward relative to the light-receiving end to adjust the beam diameter of the light projected into the field of view.

4. (Original) The head-mounted illuminator of claim 1, wherein the Fresnel lens is made of acrylic.

5. (Original) The head-mounted illuminator of claim 1, wherein the light-projecting end of the housing is conical in shape, and terminates with a diameter larger than that of the light-receiving end.

6. (Canceled)

7. (Currently Amended) The head-mounted illuminator of claim 1, ~~further including a~~ wherein
the mechanism allows for pivotally mounting the housing to a wearer's head.